

134058

Purchase Order Receipt Listing

Monday, June 27, 2016 3:38:58 PM

Page 1 of 2

All amounts are calculated in domestic currency.

All Vendors PO ID PO32783 All Receipt Dates All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/Curr Type	Line Nbr/Insp Req	Project ID	Reference/Description/Cert Std	PO U/M / Stock U/M	Required Date	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO32783 CAD	1	No	M303R0.500	f	6/27/2016	6/27/2016	48.0000	\$1.38	0.0000	0	\$66.24
			303 Round Bar 0.500"	f	48.0000	PLOU01		\$66.24	0.0000	0	
			m135094								
	2	No	M303R0.750	f	6/27/2016	6/27/2016	84.0000	\$2.11	0.0000	0	\$177.16
			303 Round Bar 0.750	f	84.0000	PLOU01		\$177.16	0.0000	0	
			m135094								
	3	No	M6061T6B0.750X01.500	f	6/27/2016	6/27/2016	12.0000	\$2.29	0.0000	0	\$27.46
			6061-T6 Bar .750 X 1.50	f	12.0000	PLOU01		\$27.46	0.0000	0	
			m135094								
	4	No	M6061T6B00750X00.125	f	6/27/2016	6/27/2016	20.0000	\$2.86	0.0000	0	\$57.21
			6061-T6 Bar .750 x .125	f	12.0000	PLOU01		\$57.21	0.0000	0	
			m135094								
	5	No	M6061T6B1.500X02.500	f	6/27/2016	6/27/2016	12.0000	\$7.58	0.0000	0	\$90.96
			6061-T6 Bar 1.50 x 2.50	f	12.0000	PLOU01		\$90.96	0.0000	0	
			m135094								
	6	No	M6061T6B2.500X03.500	f	6/27/2016	6/27/2016	12.0000	\$17.59	0.0000	0	\$211.10
			6061-T6 Bar 2.50 x 3.50	f	12.0000	PLOU01		\$211.10	0.0000	0	
			m135094								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO32783	7		M6061T6B3.500X8.0 f 00		6/27/2016	6/27/2016	10.0000	\$27.46	0.0000	0	\$274.61
CAD	No		6061-T6 Aluminum Bar 3.500" X 8.000" (cut to 4.75" + .030" / - .000 From bar only not plate)	f	12.0000	PLOU01		\$274.61	0.0000	0	
			← 3.50 X 3.50 cut 8.00"								
			m135094				748				
	8		M6061T6R0.750	f	6/27/2016	6/27/2016	12.0000	\$2.89	0.0000	0	\$34.65
	No		6061-T6 Round Bar .750"	f	12.0000	PLOU01		\$34.65	0.0000	0	
			m135094								
	9		M6061T6R3.500	f	6/27/2016	6/27/2016	12.0000	\$19.45	0.0000	0	\$233.42
	No		6061 RD bar 3.50	f	12.0000	PLOU01		\$233.42	0.0000	0	
			m135094								
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
222.0000											
0.0000											
0.0000											
\$1,172.81											
0.0000											

46

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

No: PEC 997557
Ship Date 27Jun16 at 11:22 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-941579- 1 Your PO # 32783
STAINLESS STEEL ROUND BAR 303 STAINLESS
.50" DIA X 144.0000"

Heat Number Tag No
410258 544659

Quantity PCS Wt LBS
48 FT 4 33

MTR

2) Our Order PEC-941579- 2 Your PO # 32783
STAINLESS STEEL ROUND BAR 303 STAINLESS
.750" DIA X 144.0000"

Heat Number Tag No
427459 544660

Quantity PCS Wt LBS
84 FT 7 129

MTR

3) Our Order PEC-941579- 3 Your PO # 32783
ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"

Heat Number Tag No
Z00256099 544661

Quantity PCS Wt LBS
12 FT 1 16

MTR

4) Our Order PEC-941579- 4 Your PO # 32783
ALUMINUM FLAT BAR 6061-T6511
125" x .750" X 240.0000"

Heat Number Tag No
423608-1 544816

Quantity PCS Wt LBS
20 FT 1 2

MTR

5) Our Order PEC-941579- 5 Your PO # 32783
ALUMINUM FLAT BAR 6061-T6511
1.50" x 2.50" X 144.0000"

Heat Number Tag No
191718-2 544662

Quantity PCS Wt LBS
12 FT 1 53

MTR

Page: 1Continued

SP/6 te-27

ALUMINIUM • LAITON • CUIVRE • PLASTIC
ALUMINUM • BRASS • COPPER • PLASTIC

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

B I L L O F L A D I N G

Ship Date 27Jun16 at 11:22 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

6) Our Order PEC-941579- 6 Your PO # 32783

ALUMINUM FLAT BAR 6061-T6511
2.50" X 3.50" X 144.0000"

Heat Number

Z00109090

Tag No
544663

Quantity
12 FT

PCS
1

Wt LBS
124

MTR

7) Our Order PEC-941579- 7 Your PO # 32783

Part # * SQ BAR

ALUMINUM SQUARE BAR 6061-T6511
3.50" X 8.0000"

Heat Number

107346 7 1-A-1

Tag No
544689

Quantity
10 FT

PCS
15

Wt LBS
144

MTR

8) Our Order PEC-941579- 8 Your PO # 32783

ALUMINUM ROUND BAR 6061-T6511
.750" DIA X 144.0000"

Heat Number

22402288

Tag No
544664

Quantity
12 FT

PCS
1

Wt LBS
7

MTR

9) Our Order PEC-941579- 9 Your PO # 32783

ALUMINUM ROUND BAR 6061-T6511
3.50" DIA X 144.0000"

Heat Number

Z00158254

Tag No
544665

Quantity
12 FT

PCS
1

Wt LBS
137

MTR

TOTAL:

Tags
9

PCS
32

LBS
645

*** Chemical Analysis ***

Heat Number
107346 7 1-A-1
191718-2
22402288
410258
423608-1

Page: 2Continued

ALUMINIUM · LAITON · CUIVRE · PLASTIQUE · ACIER INOX
ALUMINUM · BRASS · COPPER · PLASTICS · STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
2/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

2/16-6-27

B I L L O F L A D I N G

No: PEC 997557

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 27Jun16 at 11:22 From PFW
Probill
Via VIM DELIVERY
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

B I L L O F L A D I N G

427459
Z00109090
Z00158254
Z00256099

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **

TOTAL 1 SKID, 2 BDLS GW. 698 LBS

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***

**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

***UNE SURCHARGE D'ENERGIE DE \$25.00

SERA AJOUTEE A CHAQUE COMMANDE.***

***POUR VOS BESOINS D'ACIER INOXYDABLE,

CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600

Sold to 627

Page: 3 Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE

TVQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

STAINLESS STEEL ROUND BAR 303 STAINLESS
.50" DIA X 144.0000"
PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

THYSSENKRUPP MATERIAS NA
2821 LANGSTAFF ROAD.
CONCORA - ONTARIO L4K 5C6 - CANADA

OLARRA

Works Inspector Stamp - Werkssachverständiger
Sello del Inspector

3

Doc No. 235086 Indexed 9Jun16 by slssup1

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.750" X 1.50" X 144.0000"
PART NO.

PO/Rel 32783

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-997557-003

23Jun16

Signed by: 

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-273675-9		CUSTOMER PART NUMBER: 376/STK		PRODUCT DESCRIPTION: .750 X 1.500 SC RECT BAR	
KAISER ORDER NUMBER: 6004148	LINE ITEM: 009	SHIP DATE: 03/15/2016	KAISER LOT NUMBER: Z00256099	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1524.000 LB	QUANTITY: 96.000 PCS	B/L NUMBER: 615069	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA		

Actual Physical Properties

DAS
14
9-89 16/06/28

REFERENCE	DASH#	SAMPLE#	UTS(KSI)	YTS(KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00256099	0001	0001	44.4	39.8	20.3	RE 91	N/A	N/A
Z00256099	0001	0002	43.7	38.9	15.9	RE 90	N/A	N/A
Z00256099	0001	0004	44.2	39.7	18.6	RE 90	N/A	N/A
Z00256099	0001	0005	43.8	39.1	18.6	RE 90	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105987	.59	.27	.21	.10	.85	.07	.04	.02	.00	.00	.00	.01	.03

Applicable Requirements:

ASTM-B221-14 STENCILED ASME-SB221 2009 SECT II AMS-QQ-A-200/8A UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00221777

Kaiser Order Number: 6004148

Line Item: 009

Page 1 of 1

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
.125" x .750" X 240.0000"
PART NO.

PO/Rel 32783

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-997557-004

23Jun16

Signed by: 

Pg 1/1

CAN ART

ALUMINUM EXTRUSION INC.

Material Test Report

Ship To: ThyssenKrupp Materials NA
2821 Langstaff Road
Concord, ON L4K 5C6

Manifest: **307820**

Ticket:

5473041 : 5473042

Our Order: **423608-1**

Cust P.O.: 274331

Die: ES05485

Part: 05485-000-240

Alloy Temper: 6061 T6511

Description: (125 x .750)

Print Date: 4/25/16

DAS
14
9-89

16/06/28

Chemical Composition Range

6061	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
421927	3B2196	C11	4/20/16	39.05	35.86	8.7

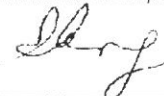
Applicable Specifications: **ASTMB221-14** **AMS-QQ-A200/8**

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Siddharth Desai - Tensile Testing

Authorized:



Evan Eng, Quality Assurance Manager

THYSSENKRUPP MATERIALS NA

PART-AEROSPACE
ALUMINUM FLAT BAR 6061-T6511
1.50" X 2.50" X 144.0000"
PART NO.

PO/Rel 32783

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-997557-005

23Jun16
Pg 1/1



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 9	DIE NUMBER S	DATE OF SHIPMENT Apr/07/2016	EXTRUDEX ORDER NO. 191718 - 2	MANIFEST NO. 346715
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-274011	ALLOY 6061	TEMPER T8511	SALESMAN FORBES DODWELL	
SO DESCRIPTION 1.5"x2.5" FB	CUSTOMER PART NUMBER 4660-S	PART DESCRIPTION 1.5"x2.5" FB			
				CERTIFICATION ASTM B221-14 - AMS QQA 200/8	MADE IN CANADA

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Apr/06/2016	45.60	42.40	13.70	87.0, 87.1, 87.1	

Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sb	Sn	Se	Co	Al	Other
3B2167	A.11	6061	0.58	0.16	0.21	0.02	0.86	0.08	0	0.01	0.01	0	0	0	0	0	0	0	0	0	0	0	0

DAS
14
9-89

16/06/28

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

David Natale
Quality Control Manager

1 - CUSTOMER COPY

THYSSENKRUPP MATERIALS NA

PART AEROSPACE
ALUMINUM SQUARE BAR 6061-T6511
3.50" X 8.000"
PART NO. *SQBAR

PO/Rel 32783

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

BL PEC-997557-007

23 Jun 16
Pg 1/1

Certificate of Mill Test Results



Nanshan America
Advanced Aluminum Technologies
3600 US Hwy 52 South
Lafayette, Indiana 47909
Main Office: (765) 269-4360

CERTIFIED INSPECTION REPORT FOR EXTRUDED PRODUCTS

BILL TO	10038 - B01-ThyssenKrupp Materials NA, Toro	RAWEST NUMBER	15121
SHIP TO	10038 - B01-ThyssenKrupp Materials NA, Toro	CUSTOMER PO	PEC-272685
CUSTOMER PART NUMBER		MANSHAN PART NUMBER	4D-00719

DIE NUMBER	1429	DATE OF SHIPMENT	3/11/2016
ALLOY	6061	TEMPER	T6511
DESCRIPTION	Square Bar 3.500" Stenciled	SALESMAN	Scott Ranch

OUR ORDER NUMBER	107346	ITEM	7
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Applicable Requirements:
ASTM B221-14 AMS-QQ-A-200/8 Rev
A (2012 09) ASME SB221-1996 Sect II

Melted in USA
Manufactured in USA

Mechanical Properties

Lot
107346 7 1A-1

Alloy
6061

Test No.
16030062

Test Date
03/05/16

Ultimate Tensile Strength (KSI)
51.3

Yield Strength (KSI)
47.9

Percent Elongation
10%

Chemical Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cl	Ni	Zn	Al	Ga	V	B	Zr	Hf	Pb	Sn	Se	Co	Each	Total
Minimum	0.40	0.06	0.15	0.00	0.80	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15
Maximum	0.30	0.70	0.40	0.15	1.20	0.36	0.05	0.25	0.16	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.15

Density:

Electrical Conductivity:

Thermal Conductivity:

Alloy Constant

Chemical Composition

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cl	Ni	Zn	Al	Ga	V	B	Zr	Hf	Pb	Sn	Se	Co	Each	Total
1602121	6061	0.70	0.26	0.34	0.07	0.90	0.09	0.01	0.02	0.02	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15

Nanshan America hereby certifies that the material covered by this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. Mercury is not a normal contaminant in aluminum alloys. All Material is ROHS Compliant. Neither mercury nor any of its compounds were utilized by Nanshan America in the manufacture of this material.

Material complies with FAR BAA (FAR 52.225-1, Buy American Act-Supplies), DFARS BAA (DFARS 252.225-7001 Buy American Act & Rel of Payments Prog), and FAR TAA (FAR 52.225-5 Trade Agreements) Temper T6511 meets T6 Requirements

Greg Talbert
Quality Manager

ALUMINUM ROUND BAR 6061-T6511
 .750" DIA X 144.0000"
 PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results
BL PEC-997557-008
23 Jun 16
Pg 1/2

23Jun16
Pg 1/2

Sapa Industrial Extrusions
53 POTTSVILLE STREET

Sapa Extrusions Inc., a Subsidiary of Sapa AFB

THYSSENKRUPP MATERIALS NA INC
2821 LANGSTAFF ROAD
ATTN: ACCOUNT PAYABLE

CONCORD, ON - L4K-5C6

LYNNENKRUUP MATERIALS NA INC.
2821 LANGSTAFF ROAD

CONCORD, ON - 1.4K5C6

Page 1 of 1
Page Cert Print Date
24-FPP-16

75FR

COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any applications forming a part of the description and that samples representative of the material met the composition and mechanical properties shown on the face of the certification. Also, none that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Wm. L. D. Howard

Cressida Plant Management

24-FEB-16

Quantities per Lot / Packages

Das
14
9-33
16/06/28

Alloy	Si		Fe		Cu		Mn		Mg		Cr		Zn	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
6061	0.40	0.80	—	0.70	0.15	0.40	—	0.15	0.30	1.20	0.04	0.35	—	0.25

THYSSENKRUPP MATERIALS NA

PO/Rel 32783

Certificate of Mill Test Results

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
750" DIA X 144,000"
PART NO.

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:

[Signature]

BL PEC-997557-008

23 Jun 16
Pg 2/2

sapa:

Sapa Industrial Extrusions
53 KOTTISVILLE STREET
CRESSONA, PA
17929-0187

Certified Inspection Report

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1101033531	1	PEC-273450-001	SAPA2388065	2 of 2
			Cert Creation Date	Cert Print Date
			24-FEB-16	24-FEB-16

Alloy	Temp	Min	Max	Min	Max	Min	Max
6061	---	0.15	---	0.05	---	0.15	---

DAS 16/06/28
14
9-09

Composition Results

Item / Cat	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Others Each	Others Total
5039303	0.73	0.34	0.33	0.06	0.90	0.06	0.04	0.02	---	---

Mechanical Property - Test Limits

Test Temp	Test Number	# of Test	MIN Value	MAX Value	MIN Value	MAX Value	MIN Value	MAX Value
1651H	22402380	12	44.7	47.5	40.9	44.4	15.0	16.6

Cert Notes

Products manufactured with a 1651H temper also meet T6 temper requirements.

Yield strength has been determined by the 0.2% offset method

All mill finish alloys produced at Sapa Industrial Extrusions comply with Directive 2011/65/EC (RoHS 2) with the exception of 6062 alloy

In accordance with EN 10204 Inspection Certificate Type 3.1

Metal in the USA or "Qualifying Countries" (as defined in Defense Federal Acquisition Regulation Supplement (DFARS) Section 225.872-1)

Manufactured in the United States

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS
.750" DIA X 144.0000"
PART NO.

PO/Rel 32783

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-997557-002

23Jun16

Signed by:

Pg 1/2

**Acciaierie
Valbruna S.p.A.**



**CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2004) , 3.1**

36100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Telephon number : 0039 (0) 44968211

Ciente / Beschaller/Purchaser/Cient
VALBRUNA CANADA LTD
8724 HOLTGATE CRESCENT
L5T 5Z1-MILTON, ONT L5T 5Z1-CA

Produttore: **ACCIAIERIE VALBRUNA S.P.A.**
Hersteller/Usine producer

QUALITY MANAGEMENT SYSTEM CERTIFIED BY LLOYD'S REGISTER

Avviso di Spedizione: D-VI15010118
Lieferanfrage/Packing list B.L.

Certificato nr: MEST672095/2015/
Prüfung/Text Escal

Conferma ordine nr: E115000464
Werk's Our Order/Ref nr

Marchio di Fabbrica:
Zeichen des Lieferwerkes
Trade mark
Sieg de l'usine producer



Punzone del Collaudatore:
Stempel des Werksachverständigen
Inspector's stamp/Pointing de l'inspecteur

Stato di fornitura: Hot rolled - Annealed Cold Drawn
Lieferzustand/Delivery state/Fornitura

Tipo di Elaborazione: E+AOD
Fertigstellung/Melting process/Mode d'elaboration

Specifiche:
Anforderungen / Requirements / Exigences

VSI 0 303 HS A,CF
AMS 5640 U TYPE1 A
ASTM A320 2011A B8F (1)
MIL-S-862 B/1 303

AISI 303
ASME SA320 2013 B8F (0)
ASTM A370 2014 .
QQ-S-764 B/2 303 A

AMS 5640 U S30300 A
ASTM A314 2008 S30300
ASTM A582 2012 S30300 A

(0) SECTION II PT. A 2013 EDITION
(1) Chemical analysis only.

(0) Chemical analysis only.

Qualità: 303HS
Werkstoff/Usine/Qualität

Marca: MV188ZHS
Markenbezeichnung
Bauform/Shape

Tolleranza: ASTM A484-14a TABLE 7
Toleranz/Allowance/tolerance

Punzonatura: 303HS
Kennzeichnung/Marking/Markage

Pos. nr. Pos. n. Item n. No. de piece	Oggetto Gegenstand Product description Description du produit	Dimensioni - In Abmessungen Dimension Dimension	Lunghezza - In Länge Length Longueur	Colata Schmelze Heat Poudre	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Lot nr. Lot n. Lot n°
0040	Round	0,7500"	146 / 147	427459		4.531	434406400

TEST ALLO STATO DI FORNITURA

Test on delivery condition Prüfung auf lieferbereiten produkt test a l'etat de livraison Prueba sobre el material así como entregado

TEST	Provetta/pece Spezialprüfprobe Lap and Bar Bande Chan Chan Bande Chan Chan Long Chan Chan mm	° F	Posiz. Sagitt Position Lage Position	Snervamento Zugversuch Tensile Tensile Rp 0.2% k.s.l.	Snervamento Zugversuch Tensile Tensile Rp 0.2% k.s.l.	Resistenza Zugversuch Tensile Tensile Rm k.s.l.	Allungamento Zugversuch Tensile Tensile E 4d %	Strizione Zugversuch Tensile Tensile RA %	Resilienza Kerbschlag Impact Value Resilience	Durezza Härte Hardness Dureté HB
	Valori richiesti Anforderungen Requirements Valeurs demandées	min max								
A	12,5	68	L	76		103	35	53		140 255 240

TEST	min	max
A Grain size for ASTM E112		5

Mechanical properties according to ASTM A370.

1) L=longitudinale/long. T=transversale/quer, Q=Tangenziale/tangentiale

Analisi chimica

Chemische Zusammensetzung/Chemical Analysis/Analyse chimique

Colata/Heat Schmelze/Castile	min 0,030 max 0,050	0,20 1,00	1,50 2,00	17,00 19,00	- 0,50	1,00	8,00 10,00	- 0,100	0,32	0,4000	- -	- -	- -	- -	- -	- -
C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	Zr %						
427459	0,048	0,43	1,87	17,43	0,47	0,53	8,01	0,090	0,029	0,32	0,0041					

Produced without class I-II Ozone depleting substances.

Solution heat treated free from continuous carbide network.

Micro and macro etch test: OK

Reduction ratio = 80,5 : 1

Annealing temperature: 1940°F for 1 h/water.

Material is DFARS Compliant

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind erfüllt
The material has been furnished in accordance with all requirements
Le matériel a été fourni conforme aux exigences

Controllo antimiscelanza: OK
Vermeidungsmischung: spezialanalytisch durchgeführt
Antimixing testing performed: OK
Controlle antimélange fait: r.a.s.

Controllo visivo e dimensionale: soddisfatti le esigenze
Besichtigung und Ausmessung: ohne Beanstandung
Visual inspection and dimensional checks satisfactory
Contrôle visuel et dimensionnel: satisfait

Melted and manufactured in Italy No welding or weld repair Material free from Mercury contamination

We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.

Vicenza, 09/04/15 V00008 (Mod. MCE2)	Il collaudatore di stabilimento / der Werkssachverständige / Works inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511
2.50" x 3.50" X 144.0000"
PART NO.

PO/Rel 32783

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-997557-006

23Jun16

Signed by: *[Signature]*

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-275684-4		CUSTOMER PART NUMBER: M27/STK		PRODUCT DESCRIPTION: KAISERSELECT SC MANIFOLD BAR 2.50 X 3.50	
KAISER ORDER NUMBER: 6010278	LINE ITEM: 004	SHIP DATE: 06/03/2016	KAISER LOT NUMBER: Z00109090	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 996.000 LB	QUANTITY: 8.000 PCS	B/L NUMBER: 615856	DIAM/DAE/THKNS: 2.50/3.50/0.00	WIDTH: 2.50	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA DAS 14 16/06/28 9-59		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00109090	0001	0001	48.4	45.6	11.7	RE 93	N/A	N/A
Z00109090	0002	0001	53.1	48.7	15.5	RE 94	N/A	N/A
Z00109090	0002	0002	54.2	50.2	16.1	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
105625	.77	.28	.29	.09	.96	.09	.04	.02	.00	.00	.00	.01	.04

Applicable Requirements:

MANIFOLD BAR, SPECIAL STENCIL PER ASTM-B221-14, STENCILED AMS-QQ-A-200/8A ASME-SB221
2009 SECT. II MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM
MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION
= 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been
inspected and tested and found in conformance with applicable specifications forming a part of the
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00235294

Kaiser Order Number: 6010278

Line Item: 004

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM ROUND BAR 6061-T6511
3.50" DIA X 144.0000"
PART NO.

PO/Rel 32783

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-997557-009

23Jun16

Signed by: 

Pg 1/1

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-274719-2		CUSTOMER PART NUMBER: R53/STK		PRODUCT DESCRIPTION: KAISERSELECT PRECISION ROD 3.500 +/- .012	
KAISER ORDER NUMBER: 6007364	LINE ITEM: 002	SHIP DATE: 04/19/2016	KAISER LOT NUMBER: Z00158254	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 2444.000 LB	QUANTITY: 18.000 PCS	B/L NUMBER: 615431	DIAM/DIA THKNS: 3.500	WIDTH: 3.500	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA 14 16/06/28 9-29		

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00158254	0001	0001	53.9	50.7	15.6	RE 94	N/A	N/A
Z00158254	0001	0002	51.8	48.4	17.4	RE 94	N/A	N/A
Z00158254	0002	0001	53.9	50.7	15.5	RE 93	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.30	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
106114	.73	.28	.28	.11	.91	.09	.07	.02	.00	.00	.00	.01	.04

Applicable Requirements:

PER ASTM-B221-14, STENCILED ASME-SB221 2009 SECT II PER AMS-QQ-A-200/8A UNS# A96061
MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL
PROPERTIES AS FOLLOWS: UTS - 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY
OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been
inspected and tested and found in conformance with applicable specifications forming a part of the
description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on
Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

Plant Serial: 00227934

Kaiser Order Number: 6007364

Line Item: 002

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 4303 R.750
DATE 16/06/28

PO / BATCH NO 32783/135094

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 84'
QUANTITY INSPECTED 84'
QUANTITY REJECTED _____

THICKNESS ORDERED R.750
THICKNESS RECEIVED R.748
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORROSION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK				
RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY _____	DAS 14 9-89	SIGNED OFF BY _____	
DATE <u>16/06/28</u>		DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

PO / BATCH NO 32783/135094

MATERIAL 11303 R.500
DATE 16/06/28

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 49.3'
QUANTITY INSPECTED 49.3'
QUANTITY REJECTED _____

THICKNESS ORDERED R.500
THICKNESS RECEIVED R.500
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY _____	DAS 14 9-89	SIGNED OFF BY _____
DATE <u>16/06/28</u>		DATE _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL H60-176B.750X1.50
DATE 16/06/28

PO / BATCH NO 32783/135094

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED .750X1.500
THICKNESS RECEIVED .750 X1.500
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY	<u>DAS</u>	SIGNED OFF BY	_____
DATE	<u>16/06/28</u>	DATE	_____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061 T6 B. 750X.125
DATE 16/06/28

PO / BATCH NO 32783/135094

MATERIAL CERT REQD yes
QUANTITY RECEIVED 20
QUANTITY INSPECTED 20
QUANTITY REJECTED _____

THICKNESS ORDERED 750 X .125
THICKNESS RECEIVED 745 X .122
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY _____	DAS 14 9-39	SIGNED OFF BY _____	
DATE <u>16/06/28</u>		DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061T6B1.500X2.500
DATE 16/06/28

PO / BATCH NO 32783/135094

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12
QUANTITY INSPECTED 12
QUANTITY REJECTED _____

THICKNESS ORDERED 1.500X2.500
THICKNESS RECEIVED 1.500X2.500
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY _____	DAS 14 9-89	SIGNED OFF BY _____	
DATE <u>16/06/28</u>		DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 160616 B 2.50X3.50
DATE 16/06/28

PO / BATCH NO 32783/135044

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED 2.50X3.50
THICKNESS RECEIVED 2.50X3.50
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY _____	DAS 14 9-20	SIGNED OFF BY _____	
DATE <u>16/06/28</u>		DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M6061 T6 R.750
DATE 16/06/28

PO / BATCH NO 32783/135094

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12'
QUANTITY INSPECTED 12'
QUANTITY REJECTED _____

THICKNESS ORDERED R.750
THICKNESS RECEIVED R.748
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY _____	DAS 14 9-89	SIGNED OFF BY _____	
DATE <u>16/06/28</u>		DATE _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL 16/06/28 R3.500
DATE 16/06/28

PO / BATCH NO 32783/135094

MATERIAL CERT REC'D yes
QUANTITY RECEIVED 12
QUANTITY INSPECTED 12
QUANTITY REJECTED _____

THICKNESS ORDERED R3.500
THICKNESS RECEIVED R3.500
SHEET SIZE ORDERED _____
SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>16/06/28</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL M606/IT6 3.500X3.500X8.00 PO / BATCH NO 32783/135094
 DATE 16/06/28

MATERIAL CERT REQ'D yes
 QUANTITY RECEIVED 10'
 QUANTITY INSPECTED 10'
 QUANTITY REJECTED _____

THICKNESS ORDERED 3.500X3.500X8.00
 THICKNESS RECEIVED 3.500X3.500X8.125
 SHEET SIZE ORDERED _____
 SHEET SIZE RECEIVED _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK RECORD RESULTS BELOW				
	HRC	HRB	DUR A	DUR D
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY <u>DAS</u>	SIGNED OFF BY _____		
DATE <u>16/06/28</u>	DATE _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO32783

Purchase Order Date 6/21/2016

PO Print Date 6/21/2016

Page Number 1 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

JUN 21 2016

E-MAILED

135094

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable CD Promise Date	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M303R0.500	303 Round Bar 0.500"	6/27/2016 Yes 6/27/2016	48.00 f	\$1.81	\$86.84
MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE						
Line Total:						\$86.84
2	M303R0.750	303 Round Bar 0.750"	6/27/2016 Yes 6/27/2016	84.00 f	\$2.76	\$232.24
MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE						
Line Total:						\$232.24

PO Instructions: no: PEC ST-940447, PEC ST-940895

Note:

6/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32783**

Purchase Order Date 6/21/2016

PO Print Date 6/21/2016

Page Number 2 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

3 M6061T6B0.750X01.500 6061-T6 Bar .750 X 1.50 6/27/2016

Yes

6/27/2016

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

12.00

f

\$3.00

\$36.00

Line Total:

\$36.00

4 M6061T6B00750X00.125 6061-T6 Bar .750 x .125 6/27/2016

Yes

6/27/2016

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

12.00

f

\$3.75

\$45.00

Line Total:

\$45.00

5 M6061T6B1.500X02.500 6061-T6 Bar 1.50 x 2.50 6/27/2016

Yes

6/27/2016

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

12.00

f

\$9.94

\$119.25

PO Instructions: no: PEC ST-940447, PEC ST-940895

Note:

6/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32783**

Purchase Order Date 6/21/2016

PO Print Date 6/21/2016

Page Number 3 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

Line Total: \$119.25

6 M6061T6B2.500X03.500 6061-T6 Bar 2.50 x 3.50 6/27/2016
Yes
6/27/2016

12.00 f \$23.06 \$276.75

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$276.75

7 M6061T6B3.500X8.000 6061-T6 Aluminum Bar 3.500" X 8.000" (cut to 4.75" +.030"/-.000 From bar only not plate) 6/27/2016 FN
Yes
6/27/2016

12.00 f 10 F \$36.00 \$432.00

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221
NOTE: 15 PCS CUT AT 8" LONG

Sp 16-6-27

Line Total: \$432.00

mat'l 6061T6 3.5" x 3.5" x 8"

PO Instructions: no: PEC ST-940447, PEC ST-940895

Note:

6/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32783**

Purchase Order Date 6/21/2016

PO Print Date 6/21/2016

Page Number 4 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 905 669 9444

Ship To Contact
Ship To Phone
Ship Via: VENDOR'S TRUCK
Ship Acct:

Buyer Chantal Lavoie
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB FCA - (Free Carrier)

8	M6061T6R0.750	6061-T6 Round Bar .750"	6/27/2016	12.00	\$3.79	\$45.42
			Yes	f		
			6/27/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$45.42

9	M6061T6R3.500	6061 RD bar 3.50	6/27/2016	12.00	\$25.50	\$306.00
			Yes	f		
			6/27/2016			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$306.00

10	M7075T6B6.000X0.250	7075-T6 BAR 6.000" X 0.250"	6/27/2016	12.00	\$17.92	\$215.00
			Yes	f		
			6/27/2016			

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

PO Instructions: no: PEC ST-940447, PEC ST-940895

Note:

6/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32783**

Purchase Order Date 6/21/2016

PO Print Date 6/21/2016

Page Number 5 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	VENDOR'S TRUCK	Currency	CAD
Ship Acct:		FOB	FCA – (Free Carrier)

Line Total: \$215.00

11	M7075T6B0.375X6.000	7075-T6 Plate 0.375" X 6.000", QQ-A 250/12	6/30/2016	FN	12.00	\$22.25	\$267.00
		Yes			f		
			6/30/2016				

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$267.00

12	71401-45	PROCUREMENT QUALITY CLAUSES	6/27/2016		1.00	\$0.00	\$0.00
			No				
			6/27/2016				

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)
A026 certification of material conformance
A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

PO Instructions: no: PEC ST-940447, PEC ST-940895

Note:

6/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO32783**

Purchase Order Date 6/21/2016

PO Print Date 6/21/2016

Page Number 6 of 6

Order From : VC-COP001
THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Line Total: \$0.00

PO Total: \$2,061.50

PO Instructions: no: PEC ST-940447, PEC ST-940895

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 6/21/2016

CLH